

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1 to 14. (Canceled).

15. (New) A method for providing driver information and performing a vehicle intervention when leaving a traffic lane, the method comprising:

recording at least one boundary of the traffic lane;

determining a track of a vehicle based on a driver reaction to be expected in the future;

deriving at least one of the driver information and the vehicle intervention from the at least one boundary of the traffic lane and the track of the vehicle;

providing the driver information when the vehicle threatens to leave the traffic lane;

and

performing the vehicle intervention when the vehicle threatens to leave the traffic lane.

16. (New) The method of claim 15, wherein the track of the vehicle is determined based on a future steering reaction away from side markings.

17. (New) The method of claim 15, wherein a reaction time of the driver is considered.

18. (New) The method of claim 15, wherein the at least one boundary is recorded using an image sensor system.

19. (New) The method of claim 15, wherein a left future track of the vehicle and a right future track of the vehicle are determined, and the left future track and the right future track are compared to left edge marking and right edge markings.

20. (New) The method of claim 15, wherein determination of the track of the vehicle occurs in a first phase without a steering correction by the driver, and in a second phase using a predefined steering correction.

21. (New) The method of claim 15, wherein the vehicle intervention includes an automatic intervention in steering in response to a threatened leaving of the traffic lane.

22. (New) The method of claim 15, further comprising:

determining a variable representing attentiveness of the driver; and

determining a future steering correction by the driver that is used to determine at least one of the track of the vehicle and an extent of a warning of the driver based on the variable.

23. (New) The method of claim 15, further comprising:

determining a future possible track of the vehicle as a function of the course of the vehicle in the past.

24. (New) The method of claim 23, wherein the course of the vehicle in the past is determined at least one of from at least one of the yaw rate and the steering angle and using the steering movements of the driver.

25. (New) The method of claim 15, further comprising:

determining a possible future track of the vehicle, wherein the possible future track has a greater deviation from the course of the vehicle without a steering intervention when a curvature of the vehicle's course in the past changes greatly and has a lesser deviation when in the past the curvature of the vehicle's course has hardly changed.

26. (New) The method of claim 15, wherein at least one of the driver information is provided and the vehicle intervention occurs when the vehicle threatens to leave the traffic lane, in response to one of not recording the at least one boundary of the traffic lane and unreliably recording the at least one boundary of the traffic lane, and the track of the vehicle has a greater deviation compared to the course of the vehicle without a steering intervention.

27. (New) A device for providing driver information and performing a reaction in response to leaving a traffic lane, comprising:

an evaluation arrangement which, in response to a threatening leaving of the traffic lane, activates at least one of a warning of the driver and a vehicle intervention; and

a microcomputer including a program for recording a pattern of at least one side marking of a travel lane and determining a course of the track of the vehicle that is to be expected, the track of the vehicle being determined based on future driver reactions to be expected;

wherein the program derives at least one of the driver information and the vehicle intervention from the at least one boundary of the traffic lane and the track of the vehicle.

28. (New) The device of claim 27, wherein at least one of the driver information is provided and the vehicle intervention is performed when the vehicle threatens to leave the traffic lane in response to one of not recording and only unreliably recording traffic lane boundary, and the track of the vehicle has a greater deviation compared to the course of the vehicle without a steering intervention.